UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

43569

7590

06/17/2005

MAYER, BROWN, ROWE & MAW LLP 1909 K STREET, N.W. WASHINGTON, DC 20006 EXAMINER
MITCHELL, JAMES M

PAPER NUMBER

ART UNIT

DATE MAILED: 06/17/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,508	07/10/2003	Hyeon Sang Shin	P69006US0	1777

TITLE OF INVENTION: METHOD OF FORMING A FLOATING GATE IN A FLASH MEMORY DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	09/19/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

indicated unless corrected maintenance fee notification		in Block 1, by (a) specifying a new	correspondence address	; and/or (b) indicating a sepa	arate "FEE ADDRESS" for	
CURRENT CORRESPONDEN	CE ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of	f mailing can only be used for	or domestic mailings of the	
				papers. Each addition	f mailing can only be used for his certificate cannot be used al paper, such as an assignment	or any other accompanying ent or formal drawing, must	
	7590 06/17/2005			have its own certificat	te of mailing or transmission.		
	VN, ROWE & MAW	LLP		Ce	rtificate of Mailing or Trans	mission	
1909 K STREET,				States Postal Service	his Fee(s) Transmittal is being with sufficient postage for fir	g deposited with the United st class mail in an envelope	
WASHINGTON,	DC 20006			addressed to the Ma	his Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO (703) 746-4000, on the c	above, or being facsimile	
					110 (703) 740-4000, 011 tile 0	(Depositor's name)	
					-	(Signature)	
				· · · · · · · · · · · · · · · · · · ·			
						(Date)	
APPLICATION NO.	FILING DATE	ĺ	FIRST NAMED INV	ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/616,508	07/10/2003		Hyeon Sang S	hin	P69006US0	1777	
TITLE OF INVENTION: N	METHOD OF FORMING A I	LOATING GATE	IN A FLASH ME	MORY DEVICE			
THE OF HAVEARION. I	ALTHOU OF TORMING AT	LOMING GMIL		EMORT DEVICE			
A DOLLA TAMBE	OVALL ENDING	IOOLIE SI	1	DUDY IC - MICH FEE			
APPLN. TYPE	SMALL ENTITY	ISSUE FI	iE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400	ı	\$300	\$1700	09/19/2005	
EXA	MINER	ART UN	ıT	CLASS-SUBCLASS			
MITCHEL	L, JAMES M	2813	•	438-196000	_		
1. Change of correspondent	ce address or indication of "Fe	e Address" (37	2. For printing	on the patent front page, I	ist		
CFR 1.363).		, ,	(1) the names of	of up to 3 registered pate			
Address form PTO/SB/1	dence address (or Change of (22) attached.	Correspondence	or agents OR, a	* *	a mambana 2		
_	ation (or "Fee Address" Indica or more recent) attached. Use		registered attor	a single firm (having as ney or agent) and the nan ent attorneys or agents. If	nes of up to		
PTO/SB/47; Rev 03-02 Number is required.	or more recent) attached. Use	of a Customer	2 registered pat listed, no name	ent attorneys or agents. If will be printed.	f no name is 3		
	O RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT (pri	nt or type)			
			**	•• /	nee is identified below, the d	ocument has been filed for	
recordation as set forth i	n 37 CFR 3.11. Completion of	of this form is NOT	a substitute for fi	ling an assignment.	,		
(A) NAME OF ASSIGN	IEE	(B) RESIDENCE: (C	CITY and STATE OR CO	UNTRY)		
Please check the appropriate	e assignee category or categor	ries (will not be pri	nted on the patent)	: 🗖 Individual 🗖 C	Corporation or other private gro	oup entity Government	
la. The following fee(s) are	enclosed:	4b	. Payment of Fee(s):			
Issue Fee			A check in the amount of the fee(s) is enclosed.				
	small entity discount permitte		Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number(enclose an extra copy of this form).				
. Change in Entity Status	(from status indicated above	<u> </u>	D op con 1100 cam i	10111001	(one lose an extra e	opy or and form).	
	MALL ENTITY status. See 3		☐ b. Applicant is	no longer claiming SMA	LL ENTITY status. See 37 C	FR 1.27(g)(2).	
The Director of the USPTO	is requested to apply the Issu						
NOTE: The Issue Fee and F nterest as shown by the rec	'ublication Fee (if required) w ords of the United States Pate	ill not be accepted nt and Trademark	from anyone othe Office.	r than the applicant; a reg	ly paid issue fee to the applicatistered attorney or agent; or the	ne assignee or other party in	
Authorized Signature		 -		Date			
Typed or printed name _				Registration	n No	<u>-</u>	
This collection of information	on is required by 37 CFR 1 31	1. The information	n is required to obt	ain or retain a benefit by	the nublic which is to file (and	hy the USPTO to process)	
n application. Confidential	lity is governed by 35 U.S.C.	122 and 37 CFR 1	.14. This collection	n is estimated to take 12	the public which is to file (and minutes to complete, includin omments on the amount of ti Trademark Office, U.S. Dep. S. SEND TO: Commissioner	g gathering, preparing, and	
his form and/or suggestion	s for reducing this burden, sh	ould be sent to the	Chief Information	o Officer, U.S. Patent and	omments on the amount of the Trademark Office, U.S. Dep	artment of Commerce, P.O.	
Box 1450, Alexandria, Virg Alexandria, Virginia 22313	ginia 22313-1450. DO NOT 5 -1450.	SEND FEES OR C	OMPLETED FOR	MS TO THIS ADDRES	S. SEND TO: Commissioner	for Patents, P.O. Box 1450,	
		are required to res	pond to a collection	n of information unless it	displays a valid OMB control	number.	



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,508 07/10/2003		Hyeon Sang Shin	P69006US0	1777
43569 7590 06/17/2005			EXAMINER	
MAYER, BROW 1909 K STREET,	N, ROWE & MAW LLP		MITCHELL	, JAMES M
WASHINGTON, DC 20006			ART UNIT	PAPER NUMBER
,			2813	<u>-</u> .

DATE MAILED: 06/17/2005

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 6 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 6 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.